

## Receiving Report

Date: 11/2/14 Batch No: M116808  
 Supplier: THYSSAKRUPA Dart P/O: 13353

Packing Slip: Yes ☒ No ☐ Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Invoice: Yes ☐ No ☒ Waybill Attached: Yes ☒ No ☐ N/A ☐  
 Receipt: Cash ☐ Cr ☒ Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order ☐ N/A ☒

### Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
<u>M7075T</u>	<u>TT3A-100</u>	<u>24</u>	<u>0</u>	<u>0</u>	<u>24</u>	

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 11/2/14  
 Date [Signature]  
 Received/Costing [Signature]  
 Initial [Signature]

Location \_\_\_\_\_



# Purchase Order Receipt Listing

Page 1 of 1

Friday, February 04, 2011 1:23:48 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO13393 Receipt Dates from 2/4/2011 to 2/4/2011 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO13393	1		M174R0.750	f	2/4/2011	2/4/2011	24.0000	\$4.73	0.0000	0	\$113.40
CAD	No		17-4 round bar .750	f	24.0000	DESJ02		\$113.40	0.0000	0	
			116808								
	2		M6061T6B1.000X04. f		2/4/2011	2/4/2011	12.0000	\$10.27	0.0000	0	\$123.20
			000								
	No		6061-T6 Bar 1.00 x	f	12.0000	DESJ02		\$123.20	0.0000	0	
			4.00								
			116808								
	3		M6061T6R0.875	f	2/4/2011	2/4/2011	12.0000	\$2.08	0.0000	0	\$25.00
	No		6061-T6 Round Bar	f	12.0000	DESJ02		\$25.00	0.0000	0	
			.875"								
			116808								
	4		M6061T6R3.500	f	2/4/2011	2/4/2011	6.0000	\$26.03	0.0000	0	\$156.20
	No		6061 RD bar 3.50	f	6.0000	DESJ02		\$156.20	0.0000	0	
			116808								
	5		M6061T6S.250	sf	2/4/2011	2/4/2011	32.0000	\$11.25	0.0000	0	\$359.90
	No		6061T6 SHEET 250	sf	32.0000	DESJ02		\$359.90	0.0000	0	
			116808								
	7		M304B0.750X2.500	f	2/4/2011	2/4/2011	12.0000	\$24.58	0.0000	0	\$295.00
	No		304 BAR .750 X 2.50	f	12.0000	DESJ02		\$295.00	0.0000	0	
			116808								
	8		M304B0.250X4.000	f	2/4/2011	2/4/2011	12.0000	\$8.37	0.0000	0	\$100.45
	No		304 BAR .250 x 4.00	f	12.0000	DESJ02		\$100.45	0.0000	0	
			116808								

Total Received Quantity:	110.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$1,173.15
Total Balance Due Quantity:	0.0000



## B I L L O F L A D I N G

No: PEC 694915

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

Ship Date 03Feb11 at 8:00 From PFW  
 Probill T151402  
 Via APEXMOTOR-PEC  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp TRINA VINCE (905-532-1365)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G - REPRINT

1) Our Order PEC-297363- 1 Your PO # 13393  
 Part # Rel # CHANTAL  
 STAINLESS STEEL ROUND BAR 17-4 STAINLESS  
 .750" DIA X 144.0000"

Heat Number Tag No Quantity PCS Wt LBS  
 153378 160511 24 FT 2 35

2) Our Order PEC-297363- 2 Your PO # 13393  
 Part # Rel # CHANTAL  
 ALUMINUM FLAT BAR 6061-T6511  
 1.00" x 4.00" X 144.0000"

Heat Number Tag No Quantity PCS Wt LBS  
 201016074 160512 12 FT 1 57

3) Our Order PEC-297363- 3 Your PO # 13393  
 Part # Rel # CHANTAL  
 ALUMINUM ROUND BAR 6061-T6511  
 .875" DIA X 144.0000"

Heat Number Tag No Quantity PCS Wt LBS  
 201012381 160513 12 FT 1 8

4) Our Order PEC-297363- 4 Your PO # 13393  
 Part # Rel # CHANTAL  
 ALUMINUM ROUND BAR 6061-T6511  
 3.50" DIA X 72.0000"

Heat Number Tag No Quantity PCS Wt LBS  
 201010162 160818 6 FT 1 67

Page: 1 ....Continued

*Ca/4/4*

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.



## B I L L O F L A D I N G

No: PEC 694915

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
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 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp TRINA VINCE (905-532-1365)  
 Sold To: ( 20115)  
 DART AEROSPACE

Ship To: ( 1)  
 DART AEROSPACE

## B I L L O F L A D I N G - REPRINT

5) Our Order PEC-297363- 5 Your PO # 13393

Part # Rel # CHANTAL

ALUMINUM PLATE 6061-T651

.250" THICK X 48.0000" X 96.0000"

Heat Number

Tag No

Quantity PCS

Wt LBS

658531

160676

32.00 SFT ✓ 1

119

MTR

6) Our Order PEC-297363- 6 Your PO # 13393

Part # Rel # CHANTAL

STAINLESS STEEL FLAT BAR 304L SLIT/EDGED

.250" X 4.00" X 144.0000"

Heat Number

Tag No

Quantity PCS

Wt LBS

6VY2

160514

12 FT ✓ 1

41

MTR

7) Our Order PEC-297363- 7 Your PO # 13393

Part # Rel # CHANTAL

STAINLESS STEEL FLAT BAR 304-L HRAP

.750" X 2.50" X 144.0000"

1 Pcs ✓

58 LBS

12 FT

TOTAL: Tags 6 PCS 8 LBS 385

Heat Number

\*\*\* Chemical Analysis \*\*\*

153378

201010162

201012381

201016074

658531

6VY2

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA

Page: 2 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

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MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER



## B I L L O F L A D I N G

No: PEC 694915

Ship From: THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 9057389033

Ship Date 03Feb11 at 8:00 From PFW  
Probill T151402  
Via APEXMOTOR-PEC  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp TRINA VINCE (905-532-1365)  
Sold To: (20115)  
DART AEROSPACE

Ship To: (1)  
DART AEROSPACE

## B I L L O F L A D I N G - REPRINT

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 3 BDLs, 1 SKID G.W. 488 LBS

ITEMS (1,2,3,6) BDL  
ITEM (4) BDL  
ITEM (5) SKID  
ITEM (7) BDL

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
\*\*\*\* TEL. 800-926-2600 \*\*\*\*  
\*\*\*\*\*  
\* WE STOCK STAINLESS STEEL \*  
\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
\*\*\*\*\*  
\*\*\*PLEASE NOTE A \$15.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER AS OF DEC 8/08.\*\*\*

Page: 3 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER



Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 9057389033

L A D I N G

NO: # PEC 694915  
Ship Date 03Feb11 at 8:00 From PFW  
Probill T151402  
Via APEXMOTOR-PEC  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp TRINA VINCE (905-532-1365)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
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1) Our Order PEC-297363- 1 Your PO # 13393  
Part # Rel # CHANTAL  
STAINLESS STEEL ROUND BAR 17-4 STAINLESS  
.750" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
153378	160511	24 FT	2	35

2) Our Order PEC-297363- 2 Your PO # 13393  
Part # Rel # CHANTAL  
ALUMINUM FLAT BAR 6061-T6511  
1.00" x 4.00" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
201016074	160512	12 FT	1	57

3) Our Order PEC-297363- 3 Your PO # 13393  
Part # Rel # CHANTAL  
ALUMINUM ROUND BAR 6061-T6511  
.875" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
201012381	160513	12 FT	1	8

4) Our Order PEC-297363- 4 Your PO # 13393  
Part # Rel # CHANTAL  
ALUMINUM ROUND BAR 6061-T6511  
3.50" DIA X 72.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
201010162	160818	6 FT	1	67

Page: 1 ....Continued



Ship From:  
THYSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 9057389033

L A D I N G

No: PEC 694915  
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Probill T151402  
Via APEXMOTOR-PEC  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
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Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

B I L L O F L A D I N G - REPRINT

5) Our Order PEC-297363- 5 Your PO # 13393  
Part # Rel # CHANTAL

ALUMINUM PLATE 6061-T651

.250" THICK X 48.0000" X 96.0000"

Heat Number Tag No  
658531 160676

Quantity PCS  
32.00 SFT 1

Wt LBS  
119

6) Our Order PEC-297363- 6 Your PO # 13393  
Part # Rel # CHANTAL

STAINLESS STEEL FLAT BAR 304L SLIT/EDGED

.250" X 4.00" X 144.0000"

Heat Number Tag No  
6VY2 160514

Quantity PCS  
12 FT 1

Wt LBS  
41

7) Our Order PEC-297363- 7 Your PO # 13393  
Part # Rel # CHANTAL

STAINLESS STEEL FLAT BAR 304-L HRAP

.750" X 2.50" X 144.0000"

Heat Number 249914

1 Pcs

58 LBS  
12 FT

TOTAL:

Tags PCS  
6 8

LBS  
385

Heat Number  
153378  
201010162  
201012381  
201016074  
658531  
6VY2

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

Page: 2 ....Continued



Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 9057389033

L A D I N G

No: PEC 694915  
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Probill T151402  
Via APEXMOTOR-PEC  
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DART AEROSPACE

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\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 3 BDLS, 1 SKID G.W. 488 LBS

ITEMS (1,2,3,6) BDL  
ITEM (4) BDL  
ITEM (5) SKID  
ITEM (7) BDL

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
\*\*\*\* TEL. 800-926-2600 \*\*\*\*  
\*\*\*\*\*  
\* WE STOCK STAINLESS STEEL \*  
\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
\*\*\*\*\*  
\*\*\*PLEASE NOTE A \$15.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER AS OF DEC 8/08.\*\*\*

Page: 3 .... Last



# THYSSENKRUPP MATERIALS NA

## DART AEROSPACE

STAINLESS STEEL ROUND BAR 17-4 STAINLESS  
750" DIA X 144.0000"  
PART NO.

PO/Rel 13393

/CHANTAL

## Certificate of Mill Test Results

BL PEC-694915-001 3Feb11

Signed by: Pg 1/2

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

### CERTIFICATE OF TESTS

CERT SERIAL# 000755587



**TALLEY METALS**  
A Carpenter Company

Talley Metals Technology, Inc.  
205 Talley Metals Lane  
McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

01/06/11

CUSTOMER / BESTELLER / CLIENT

### ABNAHMEPRUEFZEUGNIS

### CERTIFICAT DE CONTROLE

- THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

SELLER / VERKÄUFER / VENDEUR PAGE 1 OF 2

THYSSENKRUPP MAT'LS. CA LTD  
PECKOVER'S  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO  
L4K 5C6 , CANADA

TALLEY METALS TECH, INC.  
ACCOUNTS PAYABLE  
P. O. BOX 2498  
HARTSVILLE , SC 29551

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DL REFERENCE INTERNE	DATE/DATE/DATE	WEIGHT/GEWICHT/POIDS
PEC-226393-001	TLY674001 L10631	01/06/11	1034.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE : 153378

PRODUCT DESCRIPTION: TYPE 17-4 SOLUTION ANNEALED COLD FINISH

SPECIFICATION: TALLEY 17-4T3A CAP OF H900

AMS 2303 REV E (10/ /01)  
AMS 2315 REV F (01/ /08)  
AMS 5643 REV R (02/ /08) UNS S17400  
~~ASTM A484-09~~  
ASTM-A564-04 (2009)  
ASME-SA564 2007 EDITION-09B ADDENDA AISI 630

*Sulzer*

SIZE 0.750000 IN. ( 19.05 MM) RD BAR

PRIMARY HEAT CHEMISTRY (WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

C (COM)	MN (XRF)	SI (XRF)	P (XRF)	S (COM)	CR (XRF)
0.031	0.85	0.44	0.021	0.025	15.23
NI (XRF)	MO (XRF)	CU (XRF)	N (FUS)	CB (XRF)	TA (XRF)
4.28	0.17	3.68	0.049	0.25	LT .02
CB+TA					
0.27					

THIS HEAT MELTED BY THE ARC/AOD PROCESSES  
THIS MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS  
OPERATIONS QUALITY PROGRAM MANUAL REVISION 29, DATED 09/01/10.

DISCS MACROETCHED AND APPROVED

HARDNESS AS SHIPPED, HBW 311 (MIDRADIUS)

MAGNETIC PARTICLE: FREQUENCY = 0 / SEVERITY = 0  
\*\*\*FERRITE TESTING PERFORMED BY LTI UNKNOWN

MICROSTRUCTURE - FERRITE - NONE

SOLUTION ANNEALED - 1900 F, 1 HOUR - RAPID COOL

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.  
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keinerlei Haftung für die ausgewiesenen Daten oder Zertifizierungen.  
Ce certificat est uniquement valable pour le client dont le nom est imprimé sur ce formulaire. Carpenter n'assume pas de responsabilité pour une certification vis-à-vis d'une tierce personne.



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

PO/Rel 13393

/CHANTAL

## Certificate of Mill Test Results

BL PEC-694915-001 3Feb11

\*STAINLESS STEEL ROUND BAR 17-4 STAINLESS  
.750" DIA X 144.0000"  
PART NO.

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by:

Pg 2/2

### CERTIFICATE OF TESTS

CERT SERIAL# 000755587



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A Carpenter Company

Talley Metals Technology, Inc.  
205 Talley Metals Lane  
McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

01/06/11

CUSTOMER/BESTELLER/CLIENT

### ABNAHMEPRUEFZEUGNIS

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SELLER/VERKÄUFER/VENDEUR PAGE 2 OF 2

THYSSENKRUPP MAT'LS. CA LTD  
PECKOVER'S  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO  
L4K 5C6, CANADA

TALLEY METALS TECH, INC.  
ACCOUNTS PAYABLE  
P. O. BOX 2498  
HARTSVILLE, SC 29551

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
PEC-226393-001	TLY674001 L10631	01/06/11	1034.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE:  
CAPABILITY

900 F ( 482 C ), 01 HR

153378

AIR COOL

YIELD STRENGTH, (0.20 %) KSI (MPA)  
TENSILE STRENGTH, KSI (MPA)  
ELONGATION IN 1.40", %  
REDUCTION OF AREA, %  
HARDNESS, HBW

211.0 ( 1455 ) -  
212.0 ( 1462 )  
11.0  
51.0  
418.0

(CONVERTED FROM TENSILE STRENGTH)

NO WELD REPAIR PERFORMED  
MATERIAL PRODUCED ON THIS ORDER WAS MELTED AND MANUFACTURED IN THE U.S.A.  
MATERIAL HAS BEEN MELTED IN USA OR QUALIFYING COUNTRY TO DFARS REQUIRE-  
MENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1,  
SUPERSEDED BY DFARS REQUIREMENTS DFARS 252.225-7008 AND 252.225-7009.  
WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE  
PURCHASE ORDER AND SPECIFICATION REQUIREMENTS. CERTIFICATE OF TEST IS  
PREPARED IN ACCORDANCE WITH PARAGRAPH 3.1 OF EN 10204 (DIN50049)

STEPHANIE E. MCCULLUM  
QUALITY ASSURANCE ENGINEER  
CARPENTER TECHNOLOGY CORPORATION

*Stephanie E. McCullum*

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.  
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keinerlei Haftung für die ausgewiesenen Daten oder Zertifizierungen.  
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# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511

.875" DIA X 144.0000"

PART NO.

PO/Rel 13393

/CHANTAL

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

## Certificate of Mill Test Results

BL PEC-694915-003

3Feb11

Pg 1/1



SERVICE CENTER METALS

5850 Quality Way

Prince George, VA 23875

## CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

802/2011

OUR ORDER NUMBER	ITEM
114947	4

### BILL TO

ThyssenKrupp Materials NA

### SHIP TO

ThyssenKrupp Materials NA PEC

Quantity Certified 526 lbs 62pcs

### MANIFEST NUMBER

115827

### CUSTOMER PO

PEC-224513

### CUSTOMER PART NUMBER

RD0004

### DIE NUMBER

RD0004

### ALLOY / TEMPER

6061-T6511

### DESCRIPTION

ROD .875 +/- .004

### DATE OF SHIPMENT

10/1/2010

### SALESPERSON

David Schroeder

### CERTIFICATION

ASTM-B221-08 StencilContinuous

### SPECIFICATION

AMS-QQA-200/8

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

### Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201012381	09/29/10	49.2	46.5	13.9
2	201012381	09/29/10	49.3	46.5	17.1
3	201012381	09/29/10	50.4	47.5	19.4

### Chemical Composition for Alloy 6061

Alloy		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other: Each	Total	Al	Melted In
6061	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15	Remainder	
	Min	0.40	-	0.15	-	0.8	0.04	-	-	-	-		

Canada



# THYSSENKRUPP MATERIALS NA

**DART AEROSPACE**  
ALUMINUM ROUND BAR 6061-T6511  
3.50" DIA X 72.0000"  
PART NO.

PO/Rel 13393 /CHANTAL

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by: \_\_\_\_\_

## Certificate of Mill Test Results

BL PEC-694915-004

3Feb11

Pg 1/1



**SERVICE CENTER METALS**  
5850 Quality Way  
Prince George, VA 23875

### CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

*8/23/10*

OUR ORDER NUMBER	ITEM
112934	3

**BILL TO**

ThyssenKrupp Materials NA

**SHIP TO**

ThyssenKrupp Materials NA PEC

Quantity Certified 1,493 lbs 11pcs

**MANIFEST NUMBER**

112909

**CUSTOMER PO**

PEC-223721

**CUSTOMER PART NUMBER**

RD0026

**DIE NUMBER**

RD0026

**ALLOY / TEMPER**

6061-T6511

**DESCRIPTION**

ROD 3.500 +/- .012

**DATE OF SHIPMENT**

8/23/2010

**SALESPERSON**

David Schroeder

**CERTIFICATION**

ASTM-B221-08 StencilContinuous

**SPECIFICATION**

AMS-QQA-200/8

*We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.*

*Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6*

#### Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201010162	08/15/10	54.4	50.1	16.9
2	201010162	08/15/10	55.8	52.0	16.9
3	201010162	08/15/10	56.0	52.2	15.2
4	201010162	08/15/10	55.1	51.3	16.6
5	201010162	08/15/10	55.4	51.5	16.5

#### Chemical Composition for Alloy 6061

Alloy		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other	Each	Total	Al	Melted In
6061	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15		Remainder	
	Min	0.40	-	0.15	-	0.8	0.04	-	-	-	-			

United States of America

*Calvin J. Wiggins*

Calvin J. Wiggins, Director of Quality & Technical Services



# THYSSENKRUPP MATERIALS NA

## DART AEROSPACE

ALUMINUM PLATE 6061-T651  
250" THICK X 48.0000" X 96.0000"  
PART NO.

PO/Rel 13393

/CHANTAL

## Certificate of Mill Test Results

BL PEC-694915-005 3Feb11

Pg 1/1

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by:

Page 1 of 1



### INSPECTION CERTIFICATE № 10.34560

EN 10204 - 3.1



Consigner: KAMENSK URALSKY METALLURGICAL WORKS 5, Zavodskaya Str., Kamenensk-Uralsky, Sverdlovsk Region, 623405, Russia Tel: (3430) 39 52 22 Fax: (3430) 39 50 86				JOINT STOCK COMPANY Material conforms to quality of alloy: 6061 T651						
Designation: Thyssen Krupp Materials NA				Quantity: 25						
Control Number: N12187-S PEC - 224309				Net Weight kg: 1346						
Article number:				Specification No: N12187 Lot No: 1 Package No: 710429						
Division of Goods: Sheets				Requirements on the Products:						
Dimensions, inch/mm: 0.25" X 48.5" X 96.5" 6.350 X 1231.9 X 2451.1				Material conforms to quality of alloy: 6061 T651						
Product conforms to all requirements of AA-AMS4027N-AMS-QQ-A250/11A-ASTMB209-07. This product conforms to European Union RoHS Directive 2002/95/EC										
Mechanical Properties										
The Condition of Test: Standards	Lot Number	Cast Number	Number of Tests	Tensile Strength		Yield Strength (0.2% offset)		Elongation, %		Hardness, HB
				ksi	mm	ksi	mm	mm	mm	
Required	658537	43-8957	4	42.0	45.9	35.0	42.0	10.0	15.0	
Chemical Composition, %										
Element	Si	P	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Zr
Required	0.4-0.8	0.01	0.15-0.40	0.15	0.8-1.2	0.04-0.35	-	0.25	0.15	-
Obtained	0.64-0.65	0.2	0.18	0.06	1.0	0.05	-	0.05	0.07	-
Element	Fe	N	Sn	B	Pb	Mo	Co	Other Elements		Al
Required	1-21	0.01	0.01	0.01	0.01	0.01	0.01	Each	Total	
Obtained	-	-	-	-	-	-	-	0.05	0.15	remainder
Other Tests										
Method	Micro-structure	Macro-structure	UT	Electro-conductivity	SCF	Contents of metals	Mercury - Pass "Russia is country of origin and manufacture"			
Result	-	-	-	-	-	-	-			

On behalf:

GAO KUMZ

Date:

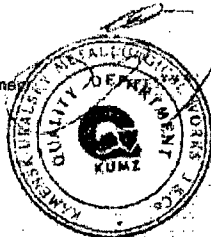
11.10.10

Inspector:

G.A. Ostanina

Inspection Department engineer:

N.V. Alekhina



Form № QAD/5-001, Revision #3

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# THYSSENKRUPP MATERIALS NA

DART AEROSPACE  
STAINLESS STEEL FLAT BAR 304L SLIT/EDGED  
250" X 4.00" X 144.0000"  
PART NO.

PO/Rel 13393

/CHANTAL

## Certificate of Mill Test Results

BL PEC-694915-006 3Feb11

Pg 1/1

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by:

### PHOENIX TUBE COMPANY, INC.

Manufacturer of Stainless Ornamental and Structural Tubing

### CERTIFICATION OF TEST

Sold To: THYSSENKRUPP MATERIAL, NA  
2821 LANGSTAFF ROAD

Ship To: THYSSENKRUPP MATERIAL, NA  
2821 LANGSTAFF ROAD

CONCORD ON L4K 5  
CAN

CONCORD ON L4K 5  
CAN

CUSTOMER ORDER#: PEC-223780

CUST REF NBR:

DATE SHIPPED: 08/23/10

SIZE: 4" X 1/4" HRAP

SOURCE: USA D

VENDOR: NAS

Specification:

Phone# 6699444

Ext:

ORDER#: 225691

QTY SHIPPED: 570.0

GRADE: 304L

HEAT#: 6VY2

TEST REPORT#: TR009196

Report Date: 05/26/10

NO WELD: BAR

#### CHEMISTRY THIS COLUMN:

ASTM A276-08 COND. A  
ASME SA276-08 COND. A  
ASTM A479-08, S2.1  
ASME SA479-08, S2.1  
QQ-S-763F, COND. A  
EN 10204 2.2

ASTM A262, PRACTICE E  
CORROSION OK, HRAP  
ASTM A484-08  
ASME SA484-08  
NO WELD REPAIR  
ASME SA 480-09

ASTM A240-09  
ASME SA240-09  
MILS 5059D AMEND 3  
AMS 5639H & AMS 5647H  
ASTM A480-09

TYPE 304L/304 DUAL CERTIFIED  
UNS# 30400  
ASTM A666-03  
AMS5511H/AMS5513J  
QQ-S-766D, COND. A

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY  
OF OUR PROCESSING LINES. WE ARE NOT PRESENTLY AWARE OF ANY MERCURY CONTAMINATION.

MATERIAL HAS BEEN HEATED TO A MINIMUM OF 1900 DEG. F AND IS SUBSEQUENTLY COOLED  
RAPIDLY TO PREVENT CARBIDE PRECIPITATION.

#### Chemical Analysis

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	T1
.019	1.70	.036	.001	.25	18.37	8.06	.32	.46	0	.07	0

#### Physical Analysis

	YIELD		TENSILE		OTHER	
Hardness	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 87.	46440	0	90510	0	50.	65.

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.

PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

Melted & Manufactured In the USA FAR BAA complies, DFARS BAA complies, FAR TAA complies

CERTIFIED BY:

*Sanjiv Lerao*

1185 WIN DR. BETHLEHEM, PA., 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073







We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Pg 2/2

PART NO.

Attn: DART AEROSPACE

### Acciaierie Valbruna S.p.A.



38100 VICENZA (Italia) - Viale della scienza, 25 s.l.  
Sede: 38100 BOLZANO (Italia) - Via A. Volta, 4

Clienti / customers:  
VALBRUNA STAINLESS INC.  
2400 TAYLOR STREET WEST  
46001-FORT WAYNE, IN 46001-USA

Produttore: ACCIAIERIE VALBRUNA S.P.A.  
Manufacturer: Valbruna

Opzione: Processo Dissoluto Annessato Hotbed  
Process: Dissolved Hotbed

Articolo di Spedizione: D-VH0000000  
Lieferung: D-VH0000000

Ordine no: 22007 STOCK CAROL STR  
Bestell-Nr: 22007

Tipo di Soluzione: EwAOD  
Lösung: EwAOD

**CERTIFICATO DI COLLAUDO**  
**ABNAHMEPRÜFZEUGNIS**  
**INSPECTION CERTIFICATE**  
**CERTIFICAT DE RECEPTION**  
EN 10204 (2006) , 3.1

Certificato nr: MEST61004/010/  
Zertifikat-Nr: MEST61004/010/

Conferma ordine nr: EIC00000078  
Bestell-Bestätigung: EIC00000078

Marchio di Fabbrica:  
Marken des Herstellers:  
Trade mark:  
Sign of the producer:



Firma del Collaboratore:  
Unterschrift des Mitarbeiters:  
Signature of the employee:



Intergranular corrosion test per ASTM A892 pract. E: ok.  
Material is OFAMS Compliant

Metal and manufactured in Italy No welding or weld repair Material free from Mercury contamination  
We declare that the finished product is checked for regulatory conformation through Partial System when it leaves the production plant.  
The Quality Management System is Certified ISO 9001:2008 according to UNI EN ISO 9001:2008

Vicenza, 08/01/10 10204 Pec. 000000	Il collaboratore di Valbruna / der Mitarbeiter von Valbruna M. F. Rizzo	Pagina - 2 di 2
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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO13393

Purchase Order Date 1/28/11

PO Print Date 1/28/11

Page Number 1 of 3

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Requisition Nbr	
Vendor Fax	905 738 9033	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
C 4/10/11

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M174R0.750	17-4 round bar .750	2/04/11 Yes	✓ 24.00 f	Yours ppd	\$4.7250	\$113.40

**Special Inst:** MATERIAL: 17-4 PH /S1700 TYPE 630 SS  
ROUND BAR  
AS PER AMS 5643 OR ASTM A564  
GRAIN MUST BE ALONG LENGTH OF  
BAR  
MINIMUM YIELD TENSILE STRENGTH  
= 100 KSI  
MINIMUM ULTIMATE TENSILE  
STRENGTH = 150 KSI

2	M6061T6B1.000X04.000	6061-T6 Bar 1.00 x 4.00	2/04/11 Yes	✓ 12.00 f	Yours ppd	\$10.2666	\$123.20
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**Special Inst:** MATERIAL: 6061-  
T6/T651/T6510/T6511/T62 ALUMINUM  
BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8  
OR AMS 4117/4128  
4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-  
200/8 OR AMS 4160  
OR ASTM B211 OR ASTM B221

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 1/28/11





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO13393

Purchase Order Date 1/28/11

PO Print Date 1/28/11

Page Number 2 of 3

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

3	M6061T6R0.875	6061-T6 Round Bar .875"	2/04/11 Yes	✓ 12.00 f	Yours ppd	\$2.0833	\$25.00
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Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM  
ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8  
OR AMS 4117/4128/4115/4116 OR QQ-A-  
200/8 OR AMS-QQ-A-200/8 OR AMS 4160  
OR ASTM B211 OR ASTM B221

4	M6061T6R3.500	6061 RD bar 3.50	2/04/11 Yes	✓ 6.00 f	Yours ppd	\$26.0333	\$156.20
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Special Inst: MATERIAL SAME AS ABOVE

5	M6061T6S.250	6061T6 SHEET .250	2/04/11 Yes	✓ 32.00 sf	Yours ppd	\$11.2469	\$359.90
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Special Inst: MATERIAL: 6061-T6/T62 ALUMINUM  
SHEET  
AS PER QQ-A-250/11 OR AMS-QQ-A-  
250/11 OR AMS 4025  
OR AMS 4027 OR ASTM B209

6	M7075T73R1.000	7075-T73 Rd Bar 1.00	2/04/11 Yes	24.00 f	Yours ppd	\$6.2208	\$149.30
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Special Inst: MATERIAL: 7075-T73 OR 7075-T7351/T73510/T73511  
ROUND BAR AS PER AMS-QQ-A-200/11  
OR AMS-QQ-A-225/9

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 1/28/11





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO13393

Purchase Order Date 1/28/11

PO Print Date 1/28/11

Page Number 3 of 3

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Requisition Nbr	
Vendor Fax	905 738 9033	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

7	+ M304B0.750X2.500 + no heat #	304 BAR .750 X 2.50	2/04/11 Yes	✓ 12.00 f	Yours ppd	\$24.5833	\$295.00
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Special Inst: MATERIAL: AISI 304/316 SS BAR OR  
AISI 304/316  
SS PLATE AS PER A276 OR ASTM A240  
NOTE: 303 NOT ACCEPTABLE

8	M304B0.250X4.000	304 BAR .250 x 4.00	2/04/11 Yes	✓ 12.00 f	Yours ppd	\$8.3708	\$100.45
---	------------------	---------------------	----------------	--------------	-----------	----------	----------

Special Inst: MATERIAL SAME AS ABOVE

PO Total:

\$1,322.45

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 1/28/11

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



**B I L L O F L A D I N G**  
 Ship From: THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

No: PEC 694915  
 Ship Date 03Feb11 at 8:00 From PFW  
 Probill T151402  
 Via APEXMOTOR-PEC  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp TRINA VINCE (905-532-1365)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

**B I L L O F L A D I N G - REPRINT**

1) Our Order PEC-297363- 1 Your PO # 13393

Part # Rel # CHANTAL

STAINLESS STEEL ROUND BAR 17-4 STAINLESS

.750" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
153378	160511	24 FT	2	35

2) Our Order PEC-297363- 2 Your PO # 13393

Part # Rel # CHANTAL

ALUMINUM FLAT BAR 6061-T6511

1.00" x 4.00" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
201016074	160512	12 FT	1	57

3) Our Order PEC-297363- 3 Your PO # 13393

Part # Rel # CHANTAL

ALUMINUM ROUND BAR 6061-T6511

.875" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
201012381	160513	12 FT	1	6

4) Our Order PEC-297363- 4 Your PO # 13393

Part # Rel # CHANTAL

ALUMINUM ROUND BAR 6061-T6511

3.50" DIA X 72.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
201010162	160818	6 FT	1	67

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE  
 RAPPORTEES IMMEDIATEMENT  
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

*MTR for item 7*



Ship From: **THYSSENKRUPP MATERIALS NA**  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

**B I L L O F L A D I N G**  
 No: PEC 694915  
 Ship Date 03Feb11 at 8:00 From PFV  
 Probill T151402  
 Via APEXMOTOR-PEC  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp TRINA VINCE (905-532-1365)  
 Sold To: ( 20115)  
 DART AEROSPACE

Ship To: ( 1)  
 DART AEROSPACE

**B I L L O F L A D I N G - REPRINT**

5) Our Order PEC-297363- 5 Your PO # 13393		Rel # CHANTAL			
Part #					
ALUMINUM PLATE 6061-T651					
.250" THICK X 48.0000" X 96.0000"					
Heat Number	Tag No	Quantity	PCS	Wt LB	
658531	160676	32.00 SFT	1	11	
6) Our Order PEC-297363- 6 Your PO # 13393		Rel # CHANTAL			
Part #					
STAINLESS STEEL FLAT BAR 304L SLIT/EDGED					
.250" X 4.00" X 144.0000"					
Heat Number	Tag No	Quantity	PCS	Wt LB	
6VY2	160514	12 FT	1	4	
7) Our Order PEC-297363- 7 Your PO # 13393		Rel # CHANTAL			
Part #					
STAINLESS STEEL FLAT BAR 304-L HRAP		1 Pcs		58 LB	
.750" X 2.50" X 144.0000"				12 FT	
		Tags	PCS	LB	
TOTAL:		6	8	38	

Heat Number  
 153378  
 201010162  
 201012381  
 201016074  
 658531  
 6VY2

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.  
 ATTN: CHANTAL/LINDA

Page: 2 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE  
 RAPPORTÉES IMMÉDIATEMENT  
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



**B I L L O F L A D I N G**  
 Ship From: THYSSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

No: PEC 694915  
 Ship Date 03Feb11 at 8:00 From PFW  
 Probill T151402  
 Via APEXMOTOR-PEC  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp TRINA VINCE (905-532-1365)  
 Sold To: ( 20115)  
 DART AEROSPACE

Ship To: ( 1)  
 DART AEROSPACE

**B I L L O F L A D I N G - REPRINT**

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
 \*\* REFERENCED ON IT \*\*

TOTAL 3 BDLs, 1 SKID G.W. 488 LBS

ITEMS (1,2,3,6) BDL  
 ITEM (4) BDL  
 ITEM (5) SKID  
 ITEM (7) BDL

\*CUSTOMER PICK-UP HRS AT THYSSSENKRUPP MATERIALS NA  
 CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
 \*\*\*\* TEL. 800-926-2600 \*\*\*\*  
 \*\*\*\*\*  
 \* WE STOCK STAINLESS STEEL \*  
 \* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
 \*\*\*\*\*  
 \*\*\*PLEASE NOTE A \$15.00 ENERGY SURCHARGE WILL BE  
 ADDED TO EVERY ORDER AS OF DEC 8/08.\*\*\*

Page: 3 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT  
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
 RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER







# Acciaierie Valbruna S.p.A.



36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Sede: 36100 BOLZANO (Italia) - Via A. Volta, 4

Clienti / customers: **VALBRUNA STAINLESS INC.**  
2400 TAYLOR STREET WEST  
46801-FORT WAYNE, IN 46801-USA

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**  
Hersteller: **Valbruna S.p.A.**

Oggetto Prove: **Descaled Annealed Hotrolled**  
Prüfungsbefreiung: **Importiert/Importage**

Arrivo di Specificazioni: **D-VI10000092**  
Lieferungsspezifikation: **ISO 9001**

Ordine nr.: **25887** STOCK CAROL STR  
Bestell-Nr.: **25887**

Tipo di Elaborazione: **E+AOD**  
Ermittlung der Verarbeitungsmethode: **Ermittlung**

## CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2005) , 3.1

Certificato nr.: **MEST818248/2010/**  
Prüfung/Prüfung:

Conferma ordine nr.: **E08007078**  
Werkstoff-Order-Nr.:

Marchio di Fabbrica:  
Prüfung des Lieferanten:  
Prüfung:  
Sign. der Fabrik: **prüfung**

Purzione del Collaudatore:  
Stempel des Werkstoffprüfers:  
Stempel: **Stempel**



Intergranular corrosion test per ASTM A262 pract. E: **ok**  
Material is **DFARS** Compliant

Messed and manufactured in Italy No welding or weld repair Material free from Mercury contamination  
We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.  
The Quality Management System is Certified acc. Pressure Equipment Directive (97/23/EC) Annex 1, 4.3 by TÜV and LLOYD'S

Vicenza, 08/01/10

VCC011  
Dist. VIC011

Il collaudatore di stabilimento / der Werkstoffprüfer / Works Inspector / L' agent d' usine

**M. Rizzotto**

Pagina - 2 di 2



**B I L L O F L A D I N G**  
 Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

No: PEC 694915  
 Ship Date 03Feb11 at 8:00 From PFW  
 Probill T151402  
 Via APEXMOTOR-PEC  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp TRINA VINCE (905-532-1365)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

**B I L L O F L A D I N G - REPRINT**

1) Our Order PEC-297363- 1 Your PO # 13393

Part # Rel # CHANTAL

STAINLESS STEEL ROUND BAR 17-4 STAINLESS

.750" DIA X 144.0000"

Heat Number  
 153378

Tag No  
 160511

Quantity  
 24 FT

PCS  
 2

Wt LBS  
 35

MTR

2) Our Order PEC-297363- 2 Your PO # 13393

Part # Rel # CHANTAL

ALUMINUM FLAT BAR 6061-T6511

1.00" x 4.00" X 144.0000"

Heat Number  
 201016074

Tag No  
 160512

Quantity  
 12 FT

PCS  
 1

Wt LBS  
 57

MTR

3) Our Order PEC-297363- 3 Your PO # 13393

Part # Rel # CHANTAL

ALUMINUM ROUND BAR 6061-T6511

.875" DIA X 144.0000"

Heat Number  
 201012381

Tag No  
 160513

Quantity  
 12 FT

PCS  
 1

Wt LBS  
 8

MTR

4) Our Order PEC-297363- 4 Your PO # 13393

Part # Rel # CHANTAL

ALUMINUM ROUND BAR 6061-T6511

3.50" DIA X 72.0000"

Heat Number  
 201010162

Tag No  
 160818

Quantity  
 6 FT

PCS  
 1

Wt LBS  
 67

MTR

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.  
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.



**B I L L O F L A D I N G**

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

No: PEC 694915  
 Ship Date 03Feb11 at 8:00 From PFW  
 Probill T151402  
 Via APEXMOTOR-PEC  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp TRINA VINCE (905-532-1365)  
 Sold To: (20115)  
 DART AEROSPACE

Ship To: (1)  
 DART AEROSPACE

**B I L L O F L A D I N G - REPRINT**

5) Our Order PEC-297363- 5 Your PO # 13393

Part # Rel # CHANTAL

ALUMINUM PLATE 6061-T651

.250" THICK X 48.0000" X 96.0000"

Heat Number Tag No  
 658531 160676

Quantity PCS Wt LBS  
 32.00 SFT 1 119

MTR

6) Our Order PEC-297363- 6 Your PO # 13393

Part # Rel # CHANTAL

STAINLESS STEEL FLAT BAR 304L SLIT/EDGED

.250" X 4.00" X 144.0000"

Heat Number Tag No  
 6VY2 160514

Quantity PCS Wt LBS  
 12 FT 1 41

MTR

7) Our Order PEC-297363- 7 Your PO # 13393

Part # Rel # CHANTAL

STAINLESS STEEL FLAT BAR 304-L HRAP

.750" X 2.50" X 144.0000"

1 PCS

58 LBS  
 12 FT

MTR tubefaced

TOTAL: Tags 6 PCS 8 LBS 385

Heat Number  
 153378  
 201010162  
 201012381  
 201016074  
 658531  
 6VY2

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.  
 ATTN: CHANTAL/LINDA

Page: 2 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.



## B I L L O F L A D I N G

Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

No: PEC 694915  
 Ship Date 03Feb11 at 8:00 From PFW  
 Probill T151402  
 Via APEXMOTOR-PEC  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp TRINA VINCE (905-532-1365)  
 Sold To: ( 20115)  
 DART AEROSPACE

Ship To: ( 1)  
 DART AEROSPACE

## B I L L O F L A D I N G - REPRINT

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
 \*\* REFERENCED ON IT \*\*

TOTAL 3 BDLs, 1 SKID G.W. 488 LBS

ITEMS (1,2,3,6) BDL  
 ITEM (4) BDL  
 ITEM (5) SKID  
 ITEM (7) BDL

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
 CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
 \*\*\*\* TEL. 800-926-2600 \*\*\*\*  
 \*\*\*\*\*  
 \* WE STOCK STAINLESS STEEL \*  
 \* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
 \*\*\*\*\*  
 \*\*\*PLEASE NOTE A \$15.00 ENERGY SURCHARGE WILL BE  
 ADDED TO EVERY ORDER AS OF DEC 8/08.\*\*\*

Page: 3 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
 TVQ/CST# 1017327981 TQ001 TFS/GST TVH/HST # 140223934 RT0001

DATE



**THYSSENKRUPP MATERIALS NA****Certificate of Mill Test Results****DART AEROSPACE**

PO/Ref: 13393

/CHANTAL

BL PEC-694915-001

374611

STAINLESS STEEL ROUND BAR 17-4 STAINLESS

We certify that this is a true copy of the report  
furnished by the producer of the metal or data  
conforming to the terms and conditions approved.

Signed by:

Pg. 1/2

750" DIA X 100.0000"  
PART NO.**CERTIFICATE OF TESTS**

CERT SERIAL# 000755587

**TALLEY METALS**  
A Carpenter CompanyTalley Metals Technology, Inc.  
205 Talley Metals Lane  
Molokai, SC, 29101 Tel: (610) 208-2000 (800) 338-4592

01/06/11

CUSTOMER/DESTILLER/CLIENT

**ABNAHMEPRUEFZEUGNIS****CERTIFICAT DE CONTROLE**

- ALL RECORDS OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT, CHAPTER 47.
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE BY THE CARPENTER COMPANY, THE "TALLEY" COY. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

SELLER/VERKAUFER/VENDEUR PAGE 1 OF 2

THYSSENKRUPP MAT'LS. CA LTD  
PECKOVER'S  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO  
L4K 5C6 , CANADATALLEY METALS TECH, INC.  
ACCOUNTS PAYABLE  
P. O. BOX 2498  
HARTSVILLE , SC 29551

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE

CARPENTER NO./WERKS-NR./N° IN REFERENCE INTERNA

DATE/UA/JOUR/DATE

WEIGHT/GEWICHT/POIDS

PEC-226393-001

TLY674001 L10631

01/06/11

1034.000

HEAT NUMBER / SCHMELZ-NR. / N° DE COULEUR: 153378

PRODUCT DESCRIPTION: TYPE 17-4 SOLUTION ANNEALED COLD FINISH

SPECIFICATION: TALLEY 17-4T3A CAP OF H900

AMS 2303 REV E (10/ /01)  
 AMS 2315 REV F (01/ /08)  
 AMS 5643 REV R (02/ /08) UNS S17400  
 ASTM-A484-09  
 ASTM-A564-04 (2009)  
 ASME-SA564 2007 EDITION-09B ADDENDA AISI 630

SIZE 0.750000 IN. ( 19.05 MM) RD BAR

PRIMARY HEAT CHEMISTRY (WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

C (COM)	MN (XRF)	SI (XRF)	P (XRF)	S (COM)	CR (XRF)
0.031	0.85	0.44	0.021	0.025	15.23
NI (XRF)	MO (XRF)	CU (XRF)	N (FUS)	CB (XRF)	TA (XRF)
4.28	0.17	3.68	0.049	0.25	LT .02

CB+TA  
0.27

THIS HEAT MELTED BY THE ARC/AOD PROCESSES  
 THIS MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS  
 OPERATIONS QUALITY PROGRAM MANUAL REVISION 29, DATED 09/01/10.

DISCS MACROETCHED AND APPROVED

HARDNESS AS SHIPPED, HBW - 311 (MIDRADIUS)

MAGNETIC PARTICLES - FREQUENCY = 0 / SEVERITY = 0  
\*\*\*FERRITE TESTING PERFORMED BY LTI UNKNOWN

MICROSTRUCTURE - FERRITE - NONE

SOLUTION ANNEALED - 1900 F, 1 HOUR - RAPID COOL

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any interpretation or certification to other parties.  
 Die vorliegende Zertifizierung ist nur für den in diesem Formular benannten Kunden gültig. Carpenter übernimmt keine Verantwortung für die von anderen Parteien auf dieser Zertifikatskopie.  
 Ce certificat est uniquement valable pour le client dont le nom est imprimé sur ce formulaire. Carpenter n'assume aucune responsabilité pour les certifications vis-à-vis d'une tierce personne.



**THYSSENKRUPP MATERIALS NA****DART AEROSPACE**

POUR 13393

/CHANTAL

**Certificate of Mill Test Results**

SL PEC-594915-001

3 Feb 11

STAINLESS STEEL ROUND BAR 12-12 STAINLESS

750 DIAMETER

PART NO

We certify that this is a true copy of the report  
furnished by the producer of the metal or data  
resulting from tests made in approved lab.

Signed by

Pg 2/2

**CERTIFICATE OF TESTS**

CERT SERIAL# 000755587

**TALLEY METALS**  
A Carpenter CompanyTalley Metals Technology, Inc.  
205 Talley Metals Lane  
Molokai, HI 96701 Tel: (510) 208-2000 (800) 338-4592

01/06/11

CUSTOMER/RESELLER/CLIENT

**ABNAHMEPRUEFZEUGNIS****CERTIFICAT DE CONTROLE**

- THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR INTERESTS ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 21.
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSIS AND USES MADE BY THE CUSTOMER. THE CUSTOMER'S ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

SELLER/VERKAUFER/VENDEUR PAGE 2 OF 2

THYSSENKRUPP MAT'LS. CA LTD  
PECKOVER'S  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO  
L4K 5C6 , CANADATALLEY METALS TECH, INC.  
ACCOUNTS PAYABLE  
P. O. BOX 2498  
HARTSVILLE , SC 29551

CUSTOMER ORDER NO./BESTELL.-NR./N° DE COMMANDE	CAMPAIGN NO./WERKS.-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
PEC-226393-001	TLY674001 L10631	01/06/11	1034.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COILIER:

153378

**CAPABILITY**

900 F ( 482 C), 01 HR

AIR COOL

YIELD STRENGTH, (0.20 %) KSI (MPA) 211.0 ( 1455)  
TENSILE STRENGTH, KSI (MPA) 212.0 ( 1462)  
ELONGATION IN 1.40", % 11.0  
REDUCTION OF AREA, % 51.0  
HARDNESS , HBW 418.0

(CONVERTED FROM TENSILE STRENGTH)

NO WELD REPAIR PERFORMED  
MATERIAL PRODUCED ON THIS ORDER WAS MELTED AND MANUFACTURED IN THE U.S.A.  
MATERIAL HAS BEEN MELTED IN USA OR QUALIFYING COUNTRY TO DFARS REQUIRE-  
MENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1,  
SUPERSEDED BY DFARS REQUIREMENTS DFARS 252.225-7008 AND 252.225-7009.  
WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE  
PURCHASE ORDER AND SPECIFICATION REQUIREMENTS. CERTIFICATE OF TEST IS  
PREPARED IN ACCORDANCE WITH PARAGRAPH 3.1 OF EN 10204 (DIN50049)

STEPHANIE E. MCCULLUM  
QUALITY ASSURANCE ENGINEER  
CARPENTER TECHNOLOGY CORPORATION

*Stephanie E. McCullum*

This certification is made in the customer's printed or this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.  
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt keine Verantwortung für die aufgeführten Daten oder Zertifizierungen.  
Ce certificat est préparé uniquement pour le client dont le point de destination est mentionné. Carpenter n'assume aucune responsabilité pour une certification faite à une autre personne.



**THYSSENKRUPP MATERIALS NA**

**DART AEROSPACE**  
**ALUMINUM ROUND BAR 6061-T6511**  
**.875" DIA X 144.0000"**  
**PART NO.**

PO/Ref 13393

/CHANTAL

We certify that this is a true copy of the report  
 furnished by the producer of the metal, or data  
 resulting from tests made in approved labs.

Signed by:

**Certificate of Mill Test Results**

BLPEC-694915-003

3Feb11

Pg 1/1



**SERVICE CENTER METALS**  
 5860 Quality Way  
 Prince George, VA 23875

# **CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS**

OUR ORDER NUMBER	ITEM
114947	4

**BILL TO**

ThyssenKrupp Materials NA

**SHIP TO**

ThyssenKrupp Materials NA PEC

**MANIFEST NUMBER**

115827

**CUSTOMER PO**

PEC-224513

**CUSTOMER PART NUMBER**

RD0004

**ONE NUMBER**

RD0004

**ALLOY / TEMPER**

6061-T6511

**DATE OF SHIPMENT**

10/1/2010

**SALESPERSON**

David Schroeder

**CERTIFICATION**

ASTM-B221-08 StencilContinuous

**SPECIFICATION**

AMS-QQA-200/8

Quantity Certified 526 lbs 62pcs

**DESCRIPTION**

ROD .875 +/-0.004

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

**Mechanical Properties**

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201012381	09/29/10	49.2	48.5	13.9
2	201012381	09/29/10	49.3	46.5	17.1
3	201012381	09/29/10	50.4	47.5	19.4

**Chemical Composition for Alloy 6061**

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other	Each	Total	Al	Melted In
6061	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15	Remainder	
	Min	0.40	-	0.15	-	0.04	-	-	-	-	-		

Canada

Rev 3.0907 - UMS

Rev 0001 08/10/07

  
Calvin J. Winnings, Director of Quality & Technical Services



**THYSSENKRUPP MATERIALS NA**

**DART AEROSPACE**  
**ALUMINUM ROUND BAR 6061-T6511**  
 3.50" DIA X 72.000"  
 PART NO.

PO/Ref: 13393 /CHANTAL

We certify that this is a true copy of the report  
 furnished by the producer of the metal, or data  
 resulting from tests made in approved labs.

**Certificate of Mill Test Results**

BL PEC-694915-004

3Feb11

Pg 1/1

Signed by: \_\_\_\_\_



**SERVICE CENTER METALS**  
 5850 Quality Way  
 Prince George, VA 23875

### CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
112934	3

**BILL TO**

ThyssenKrupp Materials NA

**SHIP TO**

ThyssenKrupp Materials NA PEC

**MANIFEST NUMBER**

112909

**CUSTOMER PO**

PEC-223721

**CUSTOMER PART NUMBER**

RD0026

**DIE NUMBER**

RD0026

**ALLOY / TEMPER**

6061-T6511

**DESCRIPTION**

ROD 3.500 +/- .012

**DATE OF SHIPMENT**

8/23/2010

**SALESPERSON**

David Schroeder

**CERTIFICATION**

ASTM-B221-08 StencilContinuous

**SPECIFICATION**

AMS-QQA-200/8

Quantity Certified 1,493 lbs 11pcs

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

**Mechanical Properties**

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201010162	08/15/10	54.4	50.1	16.9
2	201010162	08/15/10	55.8	52.0	16.9
3	201010162	08/15/10	56.0	52.2	15.2
4	201010162	08/15/10	55.1	51.3	16.6
5	201010162	08/15/10	55.4	51.5	16.5

**Chemical Composition for Alloy 6061**

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other	Each	Total	Al	Melted In
6061	Max 0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15		Remainder	
	Min 0.40	-	0.15	-	0.8	0.04	-	-	-	-			

United States of America

Rev 5/05/07 - UTS

Print Date: 5/23/2010

Calvin J. Wiggins, Director of Quality & Technical Services

Doc No. 95018 Indexed 26Aug10 by sssup1



# **THYSSENKRUPP MATERIALS NA** **DART AEROSPACE**

ALUMINUM PLATE 6061 T351  
 250 THICK X 48.000 X 560.000  
 PART NO.

PO/Ref: 13393

/GHANTAL

## **Certificate of Mill Test Results**

BL PBC 694915-005 3Feb11

Pg 1/1

We certify that this is a true copy of the report  
 furnished by the producer of the metal or data  
 resulting from tests made in approved labs.

Signed by:

Page 1 of 1



### **INSPECTION CERTIFICATE № 10.34560**

EN 10204 - 3.1



Consignor: KAMENSK URALSKY METALLURGICAL WORKS S. Zardovskaya Str., Kamenek Ural'sky, Sverdlovsk Region, 623425, Russia Tel: (3430) 08 82 22 Fax: (3430) 39 80 85				JOINT STOCK COMPANY S. Zardovskaya Str., Kamenek Ural'sky, Sverdlovsk Region, 623425, Russia Tel: (3430) 08 82 22 Fax: (3430) 39 80 85						
Supplier: ThyssenKrupp Materials NA				Order: 25						
Contract Number: N12187-B PBC - 224309				Lot Weight kg: 1348 Specification No: N12187 Lot No: 1 Package No: 710429						
Description of goods: Sheets				Dimensions of the product:						
Dimensions of the product: 0.25 X 48.5 X 560.5 6.35 X 1231.0 X 2461.1				Material conforms to client's order: 0001 T661						
Mechanical Properties										
The Condition of Test (Standard)	IN Number	CEN Number	Number of Tests	Tensile Strength		Yield Strength (R <sub>0.2</sub> or R <sub>0.01</sub> )		Elongation, %		Hardness HB
				min	max	min	max	min	max	
Required	058037	13-8857	4	42.0	45.9	36.0	42.0	10.0	15.0	-
Received	058037	13-8857	4	45.2	46.9	41.4	42.0	13.8	15.0	-
Chemical Composition, %										
Element	Si	Al	Cu	Manganese	Magnesium	Chromium	Nickel	Zn	Titanium	Selenium
Required	0.1-0.6	0.7	0.15-0.40	0.15	0.6-1.2	0.04-0.35	-	0.25	0.15	-
Received	0.14-0.35	0.2	0.18	0.06	1.0	0.05	-	0.05	0.07	-
Element	Fe	Nb	Ti	Bismuth	Phosphorus	Mo	Co	Other Elements		Al
Required	100	-	0.01	-	-	-	-	Each	Total	remainder
Received	100	-	0.01	-	-	-	-	0.05	0.15	remainder
Other Tests										
Method	Standard	Result	Unit	Acceptance	Lot	Comments	Remarks - Pass "Product is suitable for specified application"			
Heat	-	-	-	-	-	-	-			

On behalf:

GEO KUMZ

Date:

11.10.10

Inspector:

G.A. Ostapenko

Inspection Department signature:

N.V. Alekhina



Form No QAD/03-001, Revision 03

file://C:\Documents and Settings\30kah\Local Settings\Temporary Internet Files\OLK3\1... 12/15/2010



**THYSSENKRUPP MATERIALS NA****DART AEROSPACE**STAINLESS STEEL FLAT BAR 304L SLIT/BDSD  
250" X 4.00" X 1/4" 0000  
PART NO.

FO/Rd 18393

/GHANTAL

**Certificate of Mill Test Results**

BL PFC 694915-006 3Feb11

Pg 1/1

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in accordance with

Signed by:

**PHOENIX TUBE COMPANY, INC.**

Manufacturer of Stainless Ornamental and Structural Tubing

**CERTIFICATION OF TEST**Sold To: THYSSENKRUPP MATERIAL, NA  
2821 LANGSTAFF ROADShip To: THYSSENKRUPP MATERIAL, NA  
2821 LANGSTAFF ROADCONCORD ON L4K 5  
CANCONCORD ON L4K 5  
CAN

CUSTOMER ORDER#: PFC-223780

Phone# 8659444

Ext:

CUST REF NBR:

ORDER#: 225881

DATE SHIPPED: 08/23/10

QTY SHIPPED: 870.0

SIZE: 4" X 1/4" HRAP

GRADE: 304L

NO WELD: BAR

SOURCE: USA D

HEAT#: 6VY2

VENDOR: NAE

TEST REPORT#: TR009188

Report Date: 05/26/10

**Specification:****CHEMISTRY THIS COLUMN:**

ASTM A276-08 COND. A

ASME SA276-08 COND. A

ASTM A479-08, S2.1

ASME SA479-08, S2.1

QQ-S-763F, COND. A

EN 10204 2.2

ASTM A282, PRACTICE E

CORROSION OK, HRAP

ASTM A484-08

ASME SA484-08

NO WELD REPAIR

ASME SA 480-09

ASTM A240-09

ASME SA240-09

MILG 5059D AMEND 3

AMS 5638H &amp; AMS 5647H

ASTM A480-09

TYPE 304L/304 DUAL CERTIFIED

UNS# 3040D

ASTM A889-03

AMS5511H/AMS5513J

QQ-S-766D, COND. A

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY OF OUR PROCESSING LINES. WE ARE NOT PRESENTLY AWARE OF ANY MERCURY CONTAMINATION.

MATERIAL HAS BEEN HEATED TO A MINIMUM OF 1800 DEG. F AND IS SUBSEQUENTLY COOLED RAPIDLY TO PREVENT CARBIDE PRECIPITATION.

**Chemical Analysis**

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	T1
.019	1.70	.038	.001	.25	18.37	8.05	.32	.48	0	.07	0

**Physical Analysis**

	YIELD		TENSILE		OTHER	
Hardness	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 87.	48440	0	80510	0	50.	66.

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.

PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

Melted &amp; Manufactured in the USA FAR BAA complies, DPARS BAA complies, FAR TAA complies

CERTIFIED BY:

*John L. Leno*

1185 WIN DR. BETHLEHEM, PA, 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073



01Feb11 09:57

## S A L E S   A C K N O W L E D G M E N T

No: PEC ST-297365

Sold By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 9057389033

Sold To: ( 20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Ship To: ( 1)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS

Frt PREPAID

Con 96294

Slp TRINA VINCE (905-532-1365)

Ord 01Feb11 Due03Feb11

Via APEXMOTOR-PEC

FOB CONCORD

PO/Rel 13393/CHANTAL

Tel 613-632-9577 Fax 613-632-1053

## S A L E S   A C K N O W L E D G M E N T

SO No PEC ST-297365

Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 ALUMINUM ROUND BAR 7075T7351	2 PCS	23 LBS
1.00" DIA X 144.0000"		
MATERIAL	2 PCS @ 74.6500 EA	149.30

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*

\*\* REFERENCED ON IT \*\*

\*\*\*DO NOT CHARGE ENERGY SURCHARGE - BILLED  
ON S/O 297363

\*\*\*PLEASE SHIP WITH S/O 297363

\*\* CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM \*\*

\*\*\* TEL. 800-926-2600 \*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL!!!! \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$15.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER AS OF DEC. 8./08.\*\*\*

Order Totals: 1 Items 23 LBS

\*\*\*\*\*

Material	Processing	Freight	Other	Taxes	ORDER AMT
149.30				19.41	168.71

\*\*\*\*\*

Taxes: ONHSTS 19.41



01Feb11 09:56

## S A L E S   A C K N O W L E D G M E N T

No: PEC ST-297363

Sold By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 9057389033

Sold To: ( 20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Ship To: ( 1)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

P10: 13893

Trm NET 30 DAYS/NET 30 JOURS

Frt PREPAID

Con 96294

Slp TRINA VINCE (905-532-1365)

Ord 01Feb11 Due03Feb11

Via APEXMOTOR-PEC

FOB CONCORD

PO/Rel 13393/CHANTAL

Tel 613-632-9577 Fax 613-632-1053

S A L E S   A C K N O W L E D G M E N T - REPRINT      SO No PEC ST-297363  
 Test Certs: Chem Y Phys Y   1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL ROUND BAR 17-4 STAINLESS	2 PCS	36 LBS
.750" DIA X 144.0000"		
MATERIAL	2 PCS @	56.7000 EA 113.40
ENERGY SURCHARGE		15.0000 LOT 15.00
2 ALUMINUM FLAT BAR 6061-T6511	1 PCS	56 LBS
1.00" x 4.00" X 144.0000"		
MATERIAL	1 PCS @	123.2000 EA 123.20
3 ALUMINUM ROUND BAR 6061-T6511	1 PCS	9 LBS
.875" DIA X 144.0000"		
MATERIAL	1 PCS @	25.0000 EA 25.00
4 ALUMINUM ROUND BAR 6061-T6511	1 PCS	71 LBS
3.50" DIA X 72.0000"		
<<<----- SPECIFICATIONS ----->>>		
Ga Tol + 0.0000 - 0.0000 Pc/Tag	1	
WthTol + 0.0000 - 0.0000 Wt/Skd		
LthTol + 0.1250 - 0.0000 Ty	Pk	
MATERIAL	1 PCS @	156.2000 EA 156.20
5 ALUMINUM PLATE 6061-T651	1 PCS	118 LBS
.250" THICK X 48.0000" X 96.0000"		
MATERIAL	1 PCS @	359.9000 EA 359.90
6 STAINLESS STEEL FLAT BAR 304L SLIT/EDGED	1 PCS	41 LBS
.250" X 4.00" X 144.0000"		
MATERIAL	1 PCS @	100.4500 EA 100.45
7 STAINLESS STEEL FLAT BAR 304-L HRAP	1 PCS	77 LBS
.750" X 2.50" X 144.0000"		
MATERIAL	1 PCS @	295.0000 EA 295.00

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA



01Feb11 09:56

S A L E S A C K N O W L E D G M E N T

No: PEC ST-297363

Sold By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 9057389033

Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

=====

S A L E S A C K N O W L E D G M E N T - REPRINT SO No PEC ST-297363

Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*

\*\* REFERENCED ON IT \*\*

\*\* CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM \*\*

\*\*\* TEL. 800-926-2600 \*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL!!!! \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$15.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER AS OF DEC. 8./08.\*\*\*

Order Totals: 7 Items 408 LBS

\*\*\*\*\*

Material	Processing	Freight	Other	Taxes	ORDER AMT
----------	------------	---------	-------	-------	-----------

1,173.15			15.00	154.47	1,342.62
----------	--	--	-------	--------	----------

\*\*\*\*\*

Taxes: ONHSTS 154.47



M17-4R-0.750 = 24ft ✓

6061T6B.375X1.000 X 24ft ✓

6061T6R.0.875X12ft ✓

6061T6R3.5"

M174B1.250X02.000	6.787225255	0	24.73765	20
M174B2.000X01.500	2.412105263	0	10.67	12
M174PH-H900B3.937X4.750	15.00432316	0	19.37915	8
M174PH-H900R1.000	91.97729118	0	11.62	4
M174PH-H900R1.375	92.49978947	0	34.4	4
M2024T3S.040	322.2051526	0	194.2595	64
M2650-6	27.84286749	0	63.44736844	30
M303B0.750X1.500	6.01473657	0	37.36166	6
M303B1.000X03.000	1.145	0	6.905	0
M303B1.000X1.000	1.547496792	0	7.31596	6
M303B1.000X2.000	1.83159	0	17.68421	6
M303B2.000X1.750	3.647486316	0	13.76646	10
M303R0.375	5.159210526	0	34.725	12
M303R0.750	64.49005284	0	66.940216	60B
M303R1.000	1.892184316	0	39.710158	12
M304B0.500X2.500	426.3356579	0	56.245	12
M304EX0.75-16F	541.4359868	0	615.639233	192
M304R.500	6.019157895	0	42.11	24
M304R1.00	8.210526316	0	0	0
M304RO.750	27.80484211	0	58.58003684	24
M304S12GA	67.03030015	0	193.1	32
M304TR0.750W.065	1.212994737	0	63.5	24
M304TS0.500W.049	177.0655901	0	396.1619258	120
M304TS0.750W.049	437.7935706	0	92.08310478	120
M4130NB0.500X03.000	43.43868421	0	28.725	40
M4130NT0.500W.049	10.25157895	0	58.283	10
M4130NT0.750W.049	56.66321053	0	105.5417	30
M4130NT1.000W.049	1.120723684	0	21.03125	12
M4130NT1.000W.120	1.828736842	0	15.84	12
M6061T6A1.000W.125	18.88032159	0	49.00474264	0
M6061T6B0.250X06.000	6.348368421	0	18.448	12
M6061T6B0.375X00.750	3.873942105	0	18.1471	12
M6061T6B0.375X02.000	1.131757895	0	21.8023	6
M6061T6B0.500X02.000	3.410557895	0	27.2834	10
M6061T6B0.500X05.000	28.41631579	0	41.7636	12
M6061T6B0.500X06.000	21.61024211	0	40.4384	24
M6061T6B0.500X10.000	1.210863158	0	14	24
M6061T6B0.750X00.250	5.619157895	0	16.5	12
M6061T6B00750X00.125	20.73303684	0	128.0243	80
M6061T6B1.000X02.000	16.66269474	0	73.1103	40
M6061T6B1.000X04.000	70.38140526	0	53.2995	12 12ft
M6061T6B1.000X06.000	2.325987994	0	12	6
M6061T6B1.000X12.000	14.03970526	0	21.069	12
M6061T6B1.000X15.000	4.93	0	29.59	24
M6061T6B1.250X01.250	1.236254211	0	25.86645053	12
M6061T6B2.000X01.250	9.05194734	0	34.3055	20
M6061T6B2.000X04.500	2.495783684	0	10.86631	6
M6061T6B30000X01.500	1.109783411	0	19.1289	20
M6061T6H1.000	1.926105263	0	18.13	12
M6061T6R0.625	44.02643684	0	43.56	30
M6061T6R0.750	5.080715789	0	47.76484211	40
M6061T6R1.000	2.229347368	0	28.914	12

~~6061T6B 3" X 12ft~~

12ft X 1 1/4"



Q U O T A T I O N

No: PEC ST-296406

Quoted By:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

Quoted To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Quoted Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Qtd 28Jan11 Qte Ref  
 Frt PREPAID Via FOB  
 Tel 613-632-9577 Fax 613-632-1053 Ctc CHANTAL  
 Slp TRINA VINCE (905-532-1365)

Q U O T A T I O N

QT No: PEC ST-296406

Test Certs: Chem-Y Phys-Y 1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL ROUND BAR 17-4 STAINLESS ✓ 2 PCS 36 LBS  
 .750" DIA X 144.0000"

\*\*STOCK  
 MATERIAL 2 PCS @ 56.7000 EA 113.40  
 ENERGY SURCHARGE 15.0000 LOT 15.00

2 ALUMINUM FLAT BAR 6061-T6511 ✓ 1 PCS 56 LBS  
 1.00" x 4.00" X 144.0000"

\*\*STOCK  
 MATERIAL 1 PCS @ 123.2000 EA 123.20

3 ALUMINUM ROUND BAR 6061-T6511 ✓ 1 PCS 9 LBS  
 .875" DIA X 144.0000"

\*\*STOCK  
 MATERIAL 1 PCS @ 25.0000 EA 25.00

4 ALUMINUM ROUND BAR 6061-T6511 ✓ 1 PCS 71 LBS  
 3.50" DIA X 72.0000"

\*\*STOCK D3401-041 *fine cup res*  
 <<< SPECIFICATIONS >>>  
 Ga Tol + 0.0000 - 0.0000 Pc/Tag 1  
 WthTol + 0.0000 - 0.0000 Wt/Skd ✓  
 LthTol + 0.1250 - 0.0000 Ty Pk  
 MATERIAL 1 PCS @ 156.2000 EA 156.20

5 ~~ALUMINUM ROUND BAR 6061-T6511~~ 1 PCS 203 LBS  
~~6.00" DIA X 72.0000"~~

\*\*STOCK



## Q U O T A T I O N

No: PEC ST-296406

Quoted By:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 9057389033

Quoted To: ( 20115)  
DART AEROSPACE

Quoted Ship To: ( 1)  
DART AEROSPACE

## Q U O T A T I O N

QT No: PEC ST-296406

=====

<<<----- SPECIFICATIONS ----->>>

Ga Tol + 0.0000 - 0.0000 Pc/Tag 1  
WthTol + 0.0000 - 0.0000 Wt/Skd  
LthTol + 0.1250 - 0.0000 Ty Pk  
MATERIAL 1 PCS @ 446.6000 EA 446.60

-----

6 ALUMINUM PLATE 6061-T651 1 PCS 118 LBS  
.250" THICK X 48.0000" X 96.0000" ✓

\*\*STOCK *sheet*  
MATERIAL 1 PCS @ 359.9000 EA 359.90

7 STAINLESS STEEL FLAT BAR 304L SLIT/EDGED 1 PCS 41 LBS  
.250" X 4.00" X 144.0000" ✓

\*\*STOCK  
MATERIAL 1 PCS @ 100.4500 EA 100.45

8 ALUMINUM ROUND BAR 7075T7351 2 PCS 23 LBS  
1.00" DIA X 144.0000" ✓

\*\*5-7 DAY LEADTIME  
MATERIAL 2 PCS @ 74.6500 EA 149.30

9 STAINLESS STEEL FLAT BAR 304-L HRAP 1 PCS 92 LBS  
.750" X 3.00" X 144.0000"

\*\*ALTERNATE SIZE OFFERED

\*\*4-6 DAY LEADTIME  
MATERIAL 1 PCS @ 347.0000 EA 347.00

10 STAINLESS STEEL FLAT BAR 304-L HRAP 1 PCS 77 LBS  
.750" X 2.50" X 144.0000" ✓

\*\*4-6 DAY LEADTIME  
MATERIAL 1 PCS @ 295.0000 EA 295.00

-----

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*

\*\* REFERENCED ON IT \*\*

Price in effect at time of shipment.



Q U O T A T I O N

No: PEC ST-296406

Quoted By:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

Quoted To: ( 20115)  
 DART AEROSPACE

Quoted Ship To: ( 1)  
 DART AEROSPACE

Q U O T A T I O N

QT No: PEC ST-296406

Price based on receipt of total order.  
 All weights are theoretical.  
 All orders are subject to credit approval.

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\* CUSTOMER PICK-UP HOURS \*\*\*

\*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL!!!! \* \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$15.00 ENERGY SURCHARGE WILL BE  
 ADDED TO EVERY ORDER AS OF DEC 8/08.\*\*\*

Order Totals: 10 Items 726 LBS

Material	Processing	Freight	Other	Taxes	ORDER AMT
2,116.05			15.00	277.05	2,408.10
Taxes: ONHSTS	277.05	0.00		0.00	0.00



TRANSMISSION VERIFICATION REPORT

TIME : 01/28/2011 15:56  
NAME :  
FAX :  
TEL :  
SER.# : F9N212739

DATE, TIME	01/28 15:55
FAX NO./NAME	19057389033
DURATION	00:00:43
PAGE(S)	03
RESULT	OK
MODE	STANDARD
	ECM





60 Ward Road, Brampton, Ontario L6S 4L5  
Telephone: (905) 789-5000 • Fax: (905) 789-5050 • 1-800-895-APEX  
www.apexintl.com G.S.T.# 87194 0573RT Q.S.T.# 1147387527

0257773  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
613 632 9577  
HAWKESBURY, ON K6A1K7  
R NO./NO. DE COMMANDE NS  
AL INSTRUCTIONS/INSTRUCTIONS SPÉCIALES N

PRO NO./NO. DU PRO



01241503895

SHIPPER/EXPÉDITEUR 0013286  
THYSSENKRUPP MATERIALS N.A.  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6  
SHIPPER'S NO./NO. DE L'EXPÉDITEUR T151402

AN NO. DU CAMION	LOAD NO. NO. DU CHARGEMENT	DATE	ORIGIN/ORIGINE	DEST.
H53P1	365	02/03/11	TOR	OTT
R FROM RER DE	TRANSFER TO TRANSFERER A			

BILL TO/A LA CHARGE CUST NO./NO. DE CLIENT  
THYSSENKRUPP MATERIALS N.A.  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

TS	HM	DESCRIPTION	WEIGHT POIDS	CLASS OR RATE CLASSE OU TAUX	CHARGES CHARGES	CASH COLLECT/ COMPTANT A LA RECEPTION
		BUNDLES STAINLESS ALUMINUM SKID GEN MERCH RATED WITH DEFICIT WEIGHT OF FUEL SURCHARGE	488 12			
		TOTALS	488	PREPAID TOTAL	C.O.D./P.S.L. FEE/FRAIS	

FREIGHT RECEIVED IN GOOD ORDER AND SHrinkWRAP/BANDING INTACT UNLESS NOTED  
MARCHANDISE RECUE EN BONNE CONDITION ET L'EMBALLAGE INTACT SAUF INDICATION CONTRAIRE  
1241500895



AXME

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ PLEASE PRINT NAME \_\_\_\_\_  
ANY LOSS OR DAMAGE MUST BE NOTED BY THE RECEIVER ON THE DELIVERY COPY. OTHERWISE CONSIGNEE'S SIGNATURE WILL CONSTITUTE A CLEAR RECEIPT.  
LES DOMMAGES OU PERTES DOIVENT ÊTRE PRIS EN NOTE PAR LE RECEVEUR ET INDIQUÉS SUR LA COPIE LIVRAISON. SINON, LA SIGNATURE DU CONSIGNATAIRE PROUVERA QUE LA MARCHANDISE A ÉTÉ REÇU EN BONNE CONDITION.

CONSIGNEE'S COPY / COPIE CONSIGNATAIRE